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Patent Attorney

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March 28, 2005

# Fax

Name: Examiner – Anthony G. Quash  
Art Unit: 2881  
Organization: US Patent and Trademark Office  
Fax: 1-703-872-9306

From: Michael O. Scheinberg  
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Date: March 28, 2005  
Subject: Supplemental Amendment  
Atty. Docket No.: F129  
Pages: 13 (*including this coversheet*)

Application No.: 10/606,930 Art Unit: 2881  
Filing Date: June 26, 2003 Examiner: Anthony G. Quash  
Inventor(s): Robert L. Gerlach, Mark W. Utlaut, Trevor Dingle and Marek Uncovsky  
Title: Particle Detector Suitable for Detecting Ions and Electrons

In connection with the above-identified patent application, applicants submit the following:

1. Supplemental Amendment (9 p.)
2. Fee Transmittal (1 p.) (in duplicate)
3. Credit Card Form PTO-2038 (1 p.)

Michael O. Scheinberg  
Patent Reg. No.: 36,919

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PTO/SB/17 (12-04)

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Effective on 12/08/2004.

Fees pursuant to the Consolidated Appropriations Act, 2005 (H.R. 4918).

**FEE TRANSMITTAL**  
**For FY 2005**☐ Applicant claims small entity status. See 37 CFR 1.27

TOTAL AMOUNT OF PAYMENT (\$) 250.00

**Complete if Known**

Application Number	10/606,930
Filing Date	06/26/2003
First Named Inventor	Robert Gerlach
Examiner Name	Anthony Quash
Art Unit	2881
Attorney Docket No.	F129

**METHOD OF PAYMENT (check all that apply)**

- ☐ Check ☒ Credit Card ☐ Money Order ☐ None ☐ Other (please identify): \_\_\_\_\_
- ☒ Deposit Account Deposit Account Number: 50-1635 Deposit Account Name: Michael O. Scheinberg
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- ☐ Charge fee(s) indicated below ☐ Charge fee(s) indicated below, except for the filing fee
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**FEE CALCULATION****1. BASIC FILING, SEARCH, AND EXAMINATION FEES**

Application Type	FILING FEES		SEARCH FEES		EXAMINATION FEES		Fees Paid (\$)
	Fee (\$)	Small Entity Fee (\$)	Fee (\$)	Small Entity Fee (\$)	Fee (\$)	Small Entity Fee (\$)	
Utility	300	150	500	250	200	100	
Design	200	100	100	50	130	65	
Plant	200	100	300	150	160	80	
Reissue	300	150	500	250	600	300	
Provisional	200	100	0	0	0	0	

**2. EXCESS CLAIM FEES**

Fee Description	Fee (\$)	Small Entity Fee (\$)
Each claim over 20 or, for Reissues, each claim over 20 and more than in the original patent	50	25
Each independent claim over 3 or, for Reissues, each independent claim more than in the original patent	200	100
Multiple dependent claims	360	180

**Total Claims**      **Extra Claims**      **Fee (\$)**      **Fee Paid (\$)**

21 - 20 or HP = 1 x 50 = \$ 50.00

HP = highest number of total claims paid for, if greater than 20

**Indep. Claims**      **Extra Claims**      **Fee (\$)**      **Fee Paid (\$)**

4 - 3 or HP = 1 x 200 = \$ 200.00

HP = highest number of independent claims paid for, if greater than 3

**Multiple Dependent Claims**

**Fee (\$)**      **Fee Paid (\$)**

**3. APPLICATION SIZE FEE**

If the specification and drawings exceed 100 sheets of paper, the application size fee due is \$250 (\$125 for small entity) for each additional 50 sheets or fraction thereof. See 35 U.S.C. 41(a)(1)(G) and 37 CFR 1.16(s).

**Total Sheets**      **Extra Sheets**      **Number of each additional 50 or fraction thereof**      **Fee (\$)**      **Fee Paid (\$)**

\_\_\_\_\_ - 100 = \_\_\_\_\_ / 50 = \_\_\_\_\_ (round up to a whole number) x \_\_\_\_\_ = \_\_\_\_\_

**4. OTHER FEE(S)**

Non-English Specification. \$130 fee (no small entity discount)

Other: \_\_\_\_\_

**SUBMITTED BY**

Signature: Michael O. Scheinberg

Name (Print/Type): Michael O. Scheinberg

Registration No. 36,919  
(Attorney/Agent)

RA/R1/2885 BROWNE 00000004 1800003

Telephone 512-328-9510

01 FC:1231  
02 FC:1231 Date March 28, 2005200.00 OP  
50.00 OP

This collection of information is required by 37 CFR 1.136. The information is required to obtain or retain a benefit by the public which is to file (and by the USPTO to process) an application. Confidentiality is governed by 35 U.S.C. 122 and 37 CFR 1.14. This collection is estimated to take 30 minutes to complete, including gathering, preparing, and submitting the completed application form to the USPTO. Time will vary depending upon the individual case. Any comments on the amount of time you require to complete this form and/or suggestions for reducing this burden, should be sent to the Chief Information Officer, U.S. Patent and Trademark Office, U.S. Department of Commerce, P.O. Box 1450, Alexandria, VA 22313-1450. DO NOT SEND FEES OR COMPLETED FORMS TO THIS ADDRESS. SEND TO: Commissioner for Patents, P.O. Box 1450, Alexandria, VA 22313-1450.

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PTO/SB/17 (12-04)

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**Total Sheets** 4 - 100 = 1 / 50 = 1 (round up to a whole number) x \$ 250 = \$ 250.00

**4. OTHER FEE(S)**

Non-English Specification, \$130 fee (no small entity discount)

Other: \_\_\_\_\_

**SUBMITTED BY**

Signature

Name (Print/Type) Michael O. Scheinberg

Registration No. 36,919  
(Attorney/Agent)

Telephone 512-328-9510

Date March 28, 2005

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MAR 28 2005

Attorney Docket No.: F129

IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

APPL. NO.: 10/606,930 ART UNIT: 2881  
APPLICANTS: Gerlach et al. EXAMINER: Anthony Quash  
FILING DATE: 06/26/03  
TITLE: Particle Detector Suitable for Detecting Ions and Electrons  
DOCKET NO: F129  
CUSTOMER NO.: 25,784

Commissioner for Patents  
P.O. Box 1450  
Alexandria, VA 22313-1450

SUPPLEMENTAL AMENDMENT

Dear Sir or Madam:

Please amend the application as follows:

Amendments to the Claims are reflected in the listing of claims which begins on page 2 of this paper.

Remarks/Arguments begin on page 8 of this paper.

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CERTIFICATE OF TRANSMISSION UNDER 37 C.F.R. 1.8

I hereby certify that this correspondence in being facsimile transmitted to the United States Patent and Trademark Office

on March 28, 2005

By: Margarita Marquez-Escalona  
Name: Margarita Marquez-Escalona